

### **DECLARATION AND POWER OF** Attorney Docket Number 42P17399 ATTORNEY FOR PATENT First Named Inventor Hsuan-Wen Wang APPLICATION **COMPLETE IF KNOWN** (37 CFR 1.63) **Application Number** Declaration Declaration Filing Date Submitted after Initial Submitted OR with Initial Filing (surcharge Art Unit Filing (37 CFR 1.16(e)) required) **Examiner Name**

### As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original and first inventor (if only one name listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

FLOW CONTROL	HUB HAVING SCOREBOARD	MEMORY
	(Title of the Invention)	
the specification of which		
is attached hereto.		
OR		
or PCT International Application	nited States Application Number Number	
and was amended on		(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

inventor's or plant breeder' before that of the application  Prior Foreign Application(s):	s rights certificat on on which prior	e(s), or any rity is claime	ed.	пагаррі	Cauon na	aving a ming date	
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this document) as my response revocation, to prosecute the Office connected herewith.  Direct all correspondence to:	is application an	d to transac	t all business in *08791*	n the U.S	S. Patent	substitution and and Trademark  spondence address bei	<b>)</b> W
Name							
Address							
City		State			Zip Code		
Country	T	elephone (50	03) 684-6200		Fax	(503) 684-3245	
I hereby declare that all stamade on information and be with the knowledge that wi imprisonment, or both, undivalidity of the application of NAME OF SOLE OR FIRS	pelief are believe Ilful false statem Iler 18 U.S.C. 10 r any patent issu	ed to be true ents and the 01 and that led thereon.	; and further the like so made such willful fals	at these are puni se stater	stateme shable b nents ma	nts were made y fine or ay jeopardize the	
Full Name:	i inventor.		uan-Wen Wang				
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Inventor's Signature /q	suan-wen	Wal,	Z Date	e <u>7</u>	117	12003	_
Residence Sunnyvale, C	California USA		Citize	nship <u>1</u>	Taiwan		
	(City State Cour	atro)				(Country)	

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	Sunnyvale, California 94087 USA			
NAME OF THIRD	INVENTOR:	been filed for this undersigned invent	tor	
Full Name:		nujan Varma		
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nventor's Signatur	re	Date		
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•	Santa Cruz, California 95064 USA			
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NAME OF FOURT  Full Name:  Inventor's Signatur	(First, Middle [if any], Fan	been filed for this undersigned inven  ily Name (or Surname), and Suffix [if any])  Date	tor	
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Full Name:  Inventor's Signatur  Residence  Mailing Address	(First, Middle [if any], Fame  (City , State, Country)	ily Name (or Surname), and Suffix [if any])  Date Citizenship(Cou	untry)	
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Full Name:  Inventor's Signatur  Residence  Mailing Address	(First, Middle [if any], Fame  (City, State, Country)  A petition has	been filed for this undersigned inven	untry)	
Full Name:  Inventor's Signatur Residence  Mailing Address  NAME OF FIFTH	(First, Middle [if any], Fandre  (City, State, Country)  INVENTOR:	ily Name (or Surname), and Suffix [if any])  Date Citizenship(Cou	untry)	
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Mailing Address

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nventor's Signature	,	Data	
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Mailing Address			
NAME OF SEVENTH IN	VENTOR: A petition has	been filed for this undersig	gned inventor
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Inventor's Signature	(1 trst, Minute [ij uny], 1 am		yw [y =-9])
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Full Name:  Inventor's Signature  Residence  Mailing Address	ENTOR:	been filed for this undersignily Name (or Surname), and Su Date Citizenship	gned inventor  ffix [if any])  (Country)
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Full Name: Inventor's Signature Residence Mailing Address  NAME OF NINTH INVE	ENTOR:	been filed for this undersignate  Citizenship  been filed for this undersignate	gned inventor  ffix [if any])  (Country)  gned inventor
Full Name:  Inventor's Signature  Residence  Mailing Address  NAME OF NINTH INVE  Full Name:	ENTOR:	been filed for this undersignal support of the sum of t	gned inventor  ffix [if any])  (Country)  gned inventor
NAME OF EIGHTH INV Full Name: Inventor's Signature Residence Mailing Address  NAME OF NINTH INVE Full Name: Inventor's Signature	ENTOR:	been filed for this undersignal support of the sum of t	gned inventor  ffix [if any])  (Country)  gned inventor

### Appendix A

I hereby appoint with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP, a firm including: Ramin Aghevli, Reg. No. 43,462; William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Cory G. Claassen, Reg. No. 50,296; Thomas M. Coester, Reg. No. 39,637; Mimi D. Dao, Reg. No. 45,628; Stephen M. De Klerk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George L. Fountain, Reg. No. 36,374; Adam Furst, Reg. No. 51,710; Angelo J. Gaz, Reg. No. 45,907; Andre M. Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; Jeffery S. Heileson, Reg. No. 46,765; James A. Henry, Reg. No. 41,064; William E. Hickman, Reg. No. 46,771; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; Aslam A. Jaffery, Reg. No. 51,841; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steven Laut, Reg. No. 47,736; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan C. Little, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Raul D. Martinez, Reg. No. 46,904; Paul A. Mendonsa, Reg. No. 42,879; Jonathan S. Miller, Reg. No. 48,534; Heather M. Molleur, Reg. No. 50,432; Richard A. Nakashima, Reg. No. 42,023; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Philip A. Pedigo, Reg. No. 52,107; Marina G. Portnova, Reg. No. 45,750; Joseph A. Pugh, Reg. No. 52,137; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Saina S. Shamilov, Reg. No. 48,266; Kevin G. Shao, Reg. No. 45,095; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 25,129; Lisa Tom, Reg. No. 52,291; John F. Travis, Reg. No. 43,203; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Mark R. Vatuone, Reg. No. 53,719; Lester J. Vincent, Reg. No. 31,460; John P. Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; Chui-Kiu Teresa Wong, Reg. No. 48,042; and Norman Zafman, Reg. No. 26,250, my patent attorneys, and Brent Vecchia, Reg. No. 48,011 and Lehua Wang, Reg. No. 48,023, my patent agents, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800; and James R. Thein, Reg. No. 31,710, my patent attorneyl also appoint Alan K. Aldous, Reg. No. 31,905; Rob D. Anderson, Reg. No. 33,826; Jay P. Beale, Reg. No. 50,901; Shireen I. Bacon, Reg. No. 40,494: R. Edward Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Robert H. Chang, Reg. No. 48,765; George Chen, Reg. No. 50,807; Glen B. Choi, Reg. No. 43,546; Kenneth Cool, Reg. No. 40,570; Ted A. Crawford, Reg. No. 50,610; Robert A. Diehl, Reg. No. 40,992; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg No. 39,973; Christopher Gagne, Reg. No. 36,142; Sharmini N. Green, Reg. No. 41,410; Robert Greenberg, Reg. No. 44,133; Bradley Greenwald, Reg. No. 34,341; Jeffrey B. Huter, Reg. No. 41,086; Seth Z. Kalson, Reg. No. 40,670; Peter Lam, Reg. No. 44,855; Issac Lin, Reg. No. 50,672; David C. Lundmark, Reg. No. 42,815; Anthony Martinez, Reg. No. 44,223; Larry Mennemeier, Reg. No. 51,003; Paul Nagy, Reg. No. 37,896; Michael J. Nesheiwat, Reg. No. 47,819; Dennis A. Nicholls, Reg. No. 42,036; Kathy J. Ortiz, Reg. No. 54,351; Lanny Parker, Reg. No. 44,281; Michael D. Plimier, Reg. No. 43,004; Michael Proksch, Reg. No. 43,021; Kevin A. Reif, Reg. No. 36,381; Crystal D. Sayles, Reg. No. 44,318; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Ami P. Shah, Reg. No. 42,143; David Simon, Reg. No. 32,756; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Paul E. Steiner, Reg. No. 41,326; Joni D. Stutman-Horn, Reg. No. 42,173; David Tran, Reg. No. 50,804; John F. Travis, Reg. No. 43,203; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, Reg. No. 37,760; Steven D. Yates, Reg. No. 42,242; Calvin E. Wells; Reg. No. 43,256; Michael Willardson, Reg. No. 50,856 and Charles K. Young, Reg. No. 39,435; my patent attorneys and my patent agents, of INTEL CORPORATION; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.



# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (37 CFR 1.63)

Declaration
Submitted
with Initial

Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16(e))
required)

Attorney Docket Num	ber 42P17399
First Named Inventor	Hsuan-Wen Wang
С	OMPLETE IF KNOWN
Application Number	
Filing Date	July 18, 2003
Art Unit	
Examiner Name	

# As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original and first inventor (if only one name listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

FLOW CONTROL HUB HAVING SCOREBOARD MEMORY	
(Title of the Invention)	
the specification of which	
is attached hereto.	
OR	•
□ was filed on <u>07/18/2003</u> as United States Application Number or PCT International Application Number	
and was amended on (if applicable)	

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

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I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):
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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
	•			☐ Yes ☐ No
				□ Yes □ No
				□ Yes □ No

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

Direct all correspondence to:	Customer or Bar Coo		*08791*	or 🗀 Con	respondence address below
Name					
Address			•	<del></del>	
City		State	9	Zip Code	Э
Country		Telephon	e (503) 684-6200	Fax	(503) 684-3245
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE	OR FIRST INVENTOR:   A petition	has been filed for	this unde	rsigned inventor
Full Name:	Hsuan	-Wen Wang		
	(First, Middle [if any], Family I	Name (or Surname), a	nd Suffix [i	f any])
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Mailing Address	929 East El Camino Real #438			
	Sunnyvale, California 94087 USA	· · · · · · · · · · · · · · · · · · ·		
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Inventor's Signat	ture T.C.	n, miatic (i) uny	), Family Name (or Surnan	e), and Suffi	ix [tf any])
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NAME OF THIRD	INVENTOR:	∫ A petition	has been filed for this		
			mad occir filed for this	undersign	ed inventor
Full Name:			_Anujan Varms		
·	(First	Middle lifanyl	Family Name (or Surname		
Inventor's Signatu	re			), and Suffix	(if any])
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	(City , Stat	e, Country)	Citizenshi	p India	
Mailing Address	519 Hagar Court	,,,			(Country)
	Santa Cruz, Califor	 mio 05044 115 .	* * ***		
NAME OF FOURT				ndersigne	d inventor
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Full Name:	H INVENTOR:	I IA petition h	as been filed for this u		
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rull Name: nventor's Signature desidence dailing Address  AME OF FIFTH IN all Name:	(City . State.	I A petition h	Panily Name (or Surname), and been filed for this unit is unit is unit is unit is been filed for this unit is unit	and Suffix (	(Country)

### Appendix A

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Ortiz, Reg. No. 54,351; Lanny Parker, Reg. No. 44,281; Michael D. Plimier, Reg. No. 43,004; Michael Proksch, Reg. No. 43,021; Kevin A. Reif, Reg. No. 36,381; Crystal D. Sayles, Reg. No. 44,318; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Ami P. Shah, Reg. No. 42,143; David Simon, Reg. No. 32,756; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Paul E. Steiner, Reg. No. 41,326; Joni D. Stutman-Horn, Reg. No. 42,173; David Tran, Reg. No. 50,804; John F. Travis, Reg. No. 43,203; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, Reg. No. 37,760; Steven D. Yates, Reg. No. 42,242; Calvin E. Wells; Reg. No. 43,256; Michael Willardson, Reg. No. 50,856 and Charles K. Young, Reg. No. 39,435; my patent attorneys and my patent agents, of INTEL CORPORATION; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (37 CFR 1.63)

Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16(e))
required)

Attorney Docket Num	ber 42P17399	
First Named Inventor	Hsuan-Wen Wang	
C	OMPLETE IF KNOWN	
Application Number		
Filing Date	July 18, 2003	
Art Unit		
Examiner Name		

### As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original and first inventor (if only one name listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

FLOW CONTROL HUB HAVING SCOREBOARD MEMORY	_
(Title of the Invention)	
the specification of which	
is attached hereto.	
OR .	
was filed on _07/18/2003_ as United States Application Number or PCT International Application Number and was amended on (if applicable)	

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior	Foreign	<u>Applica</u>	tion(s):

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
				☐ Yes ☐ No
				□ Yes □ No
				□ Yes □ No

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

Direct all correspondence to:	Customer Numb  Or Bar Code Lab		or⊟ Com	espondence address below
Name				
Address			,	10
City		State	Zip Code	)
Country	Tele	phone (503) 684-6200	Fax	(503) 684-3245

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE	OR FIRST INVENTOR:   A petition has	been filed for this u	indersigned inventor
Full Name:	Hsuan-W	8	
	(First, Middle [if any], Family Nan	ie (or Surname), and Su	ffix [if any])
Inventor's Signate	ıre	Date	
Residence Su	nnyvale, California USA (City , State, Country) 929 East El Camino Real #438	Citizenship Taiw	an (Country)
	Sunnyvale, California 94087 USA		

NAME OF SECOND	INVENTOR:	een filed for this und	dersigned inventor
Full Name:		imha Bannur	
Inventor's Signature	(First, Middle [if any], Family	Name (or Surname), a Date	nd Suffix [if any])
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-	anny vaic, Cantonna 74007 CSX		
NAME OF THIRD IN	VENTOR:	een filed for this und	dersigned inventor
Full Name:		ujan Varma	
	(First, Middle [if any], Family	·	~ 7 · /
Inventor's Signature	my in vame	Date _	7/17/2003
Residence Santa	Cruz, California USA	Citizenship	
Mailing Address 5	(City, State, Country) 19 Hagar Court		(Country)
_	Santa Cruz, California 95064 USA	<del></del>	
Full Name:	INVENTOR: A petition has be		-
Inventor's Signature	(First, Middle [ij dhy], Family	Date	na sugix (ij any))
Residence			
Mailing Address	(City , State, Country)	·	(Country)
NAME OF FIFTH IN	VENTOR: ☐ A petition has be	een filed for this und	dersigned inventor
Full Name:		· · · · · · · · · · · · · · · · · · ·	
Inventor's Signature	(First, Middle [if any], Family	D-1-	nd Suffix [if any])
Residence		Citizenship	
Mailing Address	(City , State, Country)		(Country)
_			
Docket No. 42P17399	-3-		

# Appendix A

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